RECOMMENDED PLAN OVERVIEW

A high-resolution drawing of the Recommended Plan is available for download on the project website. Key features are detailed in following slides.
RECOMMENDED PLAN – NORTH APPROACH

City of Belleville

Key Features:
- Construct a new twin bridge to the east of the existing bridge
- Widen Highway 62 to 4 lanes throughout crossing
- Property requirement east of Highway 62

Other Features:
1. Tie in to recent CN Rail crossing replacement and roadway improvements
2. Proposed Active Transportation (AT) path ties into recently constructed AT path providing continuity
3. Proposed Stormwater Management (SWM) Facility
4. Intersection improvements
5. Realignment of Zwick’s Trails and maintenance road required
6. Potential area for construction staging

Ontario
RECOMMENDED PLAN – NORRIS WHITNEY BRIDGE

Bay of Quinte

Key Features:
• Construct new twin bridge to the east of the existing bridge
• Active Transportation Path accommodated on new bridge
• Existing bridge rehabilitated

Other Features:

1. Additional span of new bridge will off-set the north abutments, improving constructability and minimizing impacts to Zwick’s Park and the Bay of Quinte

2. New bridge pier arrangement will mirror the existing bridge piers, maintaining existing navigational clearance

3. Lake infill required to construct south abutment

4. Potential area for construction staging

5. Potential impacts to boat launch access/parking should park area be used for construction staging
RECOMMENDED PLAN – SOUTH APPROACH

Prince Edward County

Key Features:
• Construct new twin bridge to the east of the existing
• Property requirement east of Highway 62

Other Features:
1. Proposed Stormwater Management (SWM) Facility
2. Impacts to existing properties
3. Realignment of Hennessy Street required
4. County Road 3 intersection improvements
5. Active Transportation path to connect with future municipal network, in consultation with Prince Edward County
6. Potential area for construction staging
**RECOMMENDED PLAN – SOUTH OF CROSSING**

**Prince Edward County**

**Key Features:**
- Improvements extend southerly to County Road 28
- Some property impacts along the east and west sides of Highway 62 to accommodate improvements

**Other Features:**
1. Commercial property accesses onto Highway 62 closed and relocated to municipal roads to conform with current MTO access guidelines.
2. Northbound Highway 62 widening starts north of plaza
3. Southbound widening of Highway 62 extends to County Road 28
4. Some frontage impacts due to southbound widening
LANDSCAPE PLAN

The following landscape plan will be implemented to restore disturbed areas and enhance natural features.

• Limit disturbance to the extent required for construction and reseed all disturbed areas;
• Potential SWM ponds to be seeded and planted with salt and flood tolerant species;
• East Zwick’s Centennial Park disturbed area to be restored in consultation with the municipality;
• Landscape restoration and vegetative buffer adjacent to roadway south of bridge;
• Monument features north and south of bridge to be reinstated.

Full Landscape Plan is downloadable from project website
RECOMMENDED PLAN – RENDERINGS (1)

Existing Conditions - Looking South

Proposed Conditions – Looking South
RECOMMENDED PLAN – RENDERINGS (2)

Existing Conditions – Looking Southwest

Proposed Conditions – Looking Southwest
RECOMMENDED PLAN – RENDERINGS (3)

Proposed Conditions – Looking Southwest
RECOMMENDED PLAN – RENDERINGS (4)

Proposed Conditions – Looking Southwest (at Night)
CONSTRUCTION STAGING

During the construction of the new east structure and rehabilitation of the existing west structure, one traffic lane in each direction will remain open. The construction will occur in three main stages:

- The existing Norris Whitney Bridge (left) will remain open while the new twin bridge is constructed.

  ![Stage 1 Diagram]

  - Existing bridge not impacted by construction
  - Construct twin bridge east of existing bridge

- When the new bridge construction is complete, traffic will be moved to the new bridge (right) and the existing bridge (left) will be rehabilitated. The active transportation (AT) path on the new bridge will be open for use.

  ![Stage 2 Diagram]

  - Rehabilitated existing bridge
  - North- and southbound traffic accommodated on new bridge

- In the final condition, there will be two structures each carrying two lanes of traffic.

  ![Stage 3 Diagram]

  - Southbound traffic on rehabilitated existing bridge
  - Northbound traffic on new twin bridge